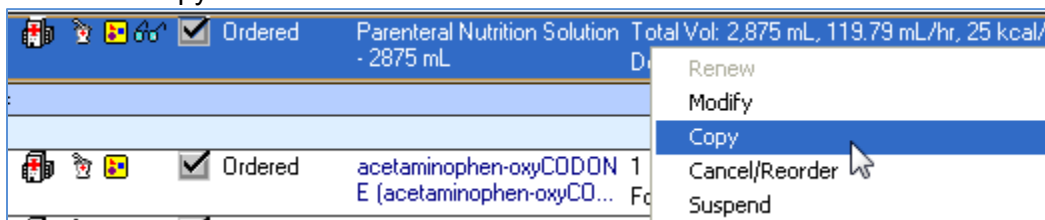


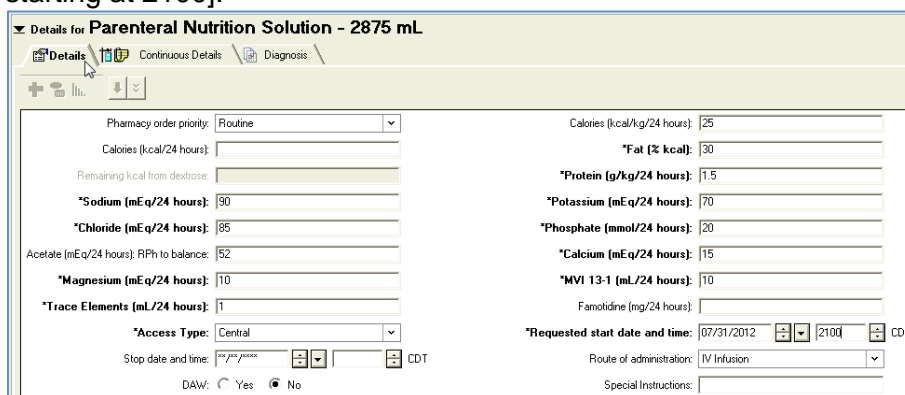
At times, the electrolyte amounts, protein or fat content, or kCal totals require modifications to the TPN formula.

## **Recommended process for Providers:**

1. On the orders tab, locate the active order for the TPN. Right click on the order and select “copy”.



2. On the scratch pad, click on the Order Details tab and make necessary changes. It is important to adjust the start date/time to current date 2100. [Per CSM policy any changes made to TPN formulas after 1400 daily will not process until the next day starting at 2100].



The screenshot shows the 'Details for Parenteral Nutrition Solution - 2875 mL' form. The 'Details' tab is selected. The form contains various input fields for TPN components and settings.

Field	Value
Pharmacy order priority:	Routine
Calories (kcal/24 hours):	25
*Fat (% kcal):	30
*Protein (g/kg/24 hours):	1.5
*Potassium (mEq/24 hours):	70
*Phosphate (mmol/24 hours):	20
*Calcium (mEq/24 hours):	15
*MVI 13-1 (mL/24 hours):	10
*Sodium (mEq/24 hours):	90
*Chloride (mEq/24 hours):	85
*Magnesium (mEq/24 hours):	10
*Trace Elements (mL/24 hours):	1
*Access Type:	Central
Stop date and time:	07/31/2012 2100 CDT
Route of administration:	IV Infusion
Special Instructions:	

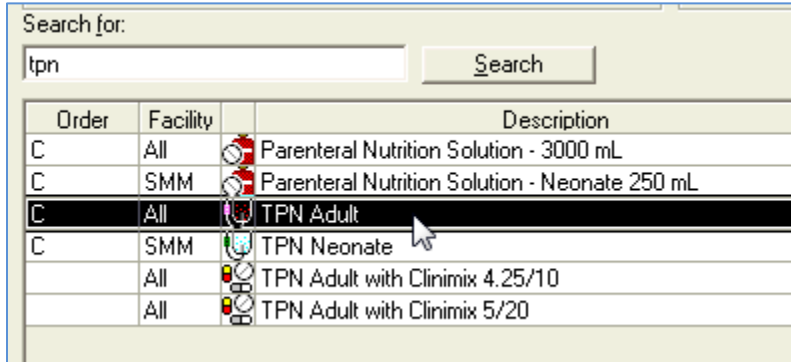
3. Complete and sign the order.
4. Go back to the original TPN order (i.e. NOT the order you just placed). Right click on the order and select “modify”.
5. On the scratch pad, click on the Order Details tab and enter a stop date/time of current date at 2059. [This ensures the current hanging TPN solution will stay active on the IView for the RN.]

## **Recommended process for Pharmacists:**


Pharmacists should direct Providers to place the order modifications as outlined above. However, there may be some rare circumstances where a pharmacist will need to place the order.

Determine what changes need to be made. Have a copy of the current TPN paper requisition available OR open the orders tab in powerchart to view the TPN formula.

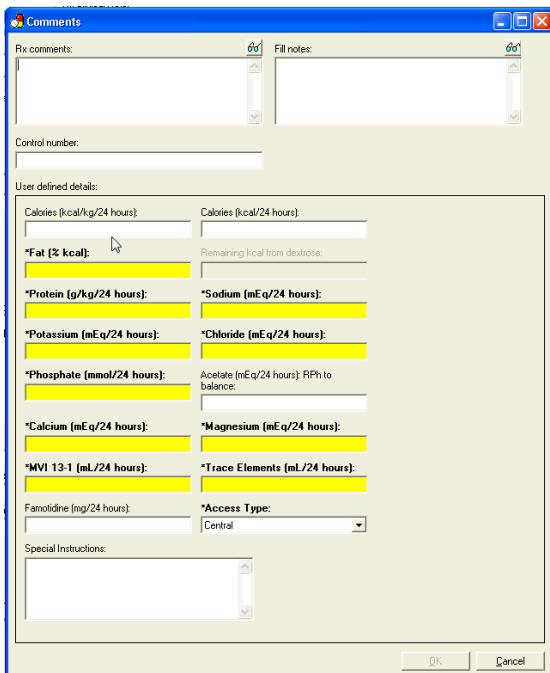
In Med Manager, select the TPN IV Set formulary item, and enter a 'new' order for the TPN reflecting the modifications. Using the requisition or the order in powerchart as a guide.



Order	Facility	Description
C	All	Parenteral Nutrition Solution - 3000 mL
C	SMM	Parenteral Nutrition Solution - Neonate 250 mL
C	All	TPN Adult
C	SMM	TPN Neonate
	All	TPN Adult with Clinimix 4.25/10
	All	TPN Adult with Clinimix 5/20



Be sure to click on the 'Order Comments' button to enter the kCal, protein and electrolyte quantities to the order.



Don't forget to enter a start date/time of current day 2100.

Complete the order entry per usual process.

Locate the previous TPN order in the Med Manager profile and modify the stop date/time to current day 2100.